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[54] METHOD FOR REGENERATING PHOTOCATALYST

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[57] ABSTRACT

PURPOSE: To remove high molecular substances stuck to a photocatalyst and to restore the catalytic activity by immersing the photocatalyst inactivated by the high molecular substances, dust, etc., in a cleaning soln. contg. a surfactant.

CONSTITUTION: When the activity of a photocatalyst is reduced by high molecular substances and dust suspended in the air, the inactivated photocatalyst is immersed in a cleaning soln. contg. an anionic surfactant such as fatty acid ester or alkylbenzenesulfonate, a cationic surfactant, a nonionic surfactant, etc. The cleaning soln. may contain an oxidizing agent such as a percarbonic acid compd. The high molecular substances and dust as contaminants on the surface of the photocatalyst are dispersed in the cleaning soln. by the action of the surfactant and can be removed. The photocatalyst having deodorizing performance can be regenerated.

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